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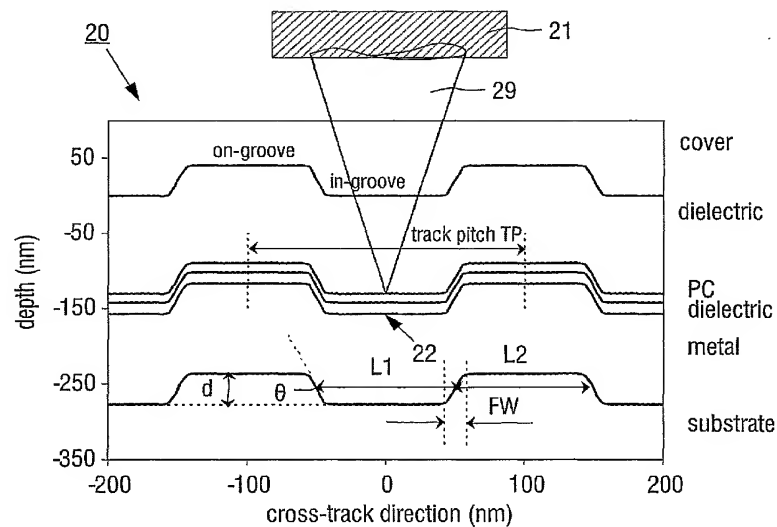
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[Continued on next page]

- (54) Title:** OPTICAL RECORDING DISC ADAPTED TO STORING DATA USING AN ULTRA-VIOLET LASER SOURCE



- (57) Abstract:** Optical record carrier (20) adapted to storing data using a recording/reading device. The recording/reading device comprises an ultra-violet laser source emitting electromagnetic radiation (29) having a wavelength X in the range of 230 nm to 270 nm. The recording/reading device further comprises an objective lens (21) for focussing the electromagnetic radiation (29) on the optical recording carrier. NA is the numerical aperture of the objective lens. The optical record carrier comprises a spiral track (22), which has a track pitch TP between $0.55 \cdot \lambda/NA$ and $0.75 \cdot \lambda/NA$.



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